1st & final bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493535

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency Sri. RameshH

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work - Estimate for the work of Construction of culvert in ward NO-03 Attur, Yelahanka Satellite Town Sub division.						
	Work order NO - BBMP/EE/YNK.D/EPMT-15/W.O/138/2021-22, Dated - 25-03-22						
	Agreement NO - EE/YNK/EPMT-15/AG/87/2021-22 Dated: 23-08-2022.						
	Est Cost - 1500000.00						
	Job code - 003-22-000017						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1. KSRRB 300-1. Earthwork excavation by manual means for road drains & similar works in ordinary soil and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	RCC Culverts.						
	. Duo marvel Layout :- front Royal amenities Hall	1	10.20	1.50	1.00	15.30	
	Anaphpura village Rd :-	1	4.80	1.50	1.00	7.20	
	11th main Rd. Andra layout	1	7.20	1.50	1.00	10.80	
	Balaji layout.						
	Anaphpura village	1	7.20	1.50	1.00	10.80	
	yelahanka 5th phase near vishal mart	1	8.40	1.50	1.00	12.60	

Serial No.
Name of work
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2
	yelahanka 2nd mai 2nd ma 2nd m 4th phase sto

M. A. R. 57 (Rule 116) No. E 493536

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Yelahanka 4th phase.						
	2nd main / 1st Cross	1	7.80	1.50	1.00	11.70	
	2nd main / 2nd Cross	1	7.20	1.50	1.00	10.80	
	2nd main / 3rd Cross	1	9.00	1.50	1.00	13.50	
	6th Cross	1	10.00	1.50	1.00	10.80	
	4th phase near Bus stop.		11.00	1.50	1.00	16.50	
			Present Qty	=		140.70 Cum.	

AE
31/03/2022

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	Measurements Continued	3	4	5	6	7	8
	2. KSRBH-1.3: providing and laying in position plain Cement Concrete of mix 1:4:8 with ppc @ 180kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.85 cum and fine aggregate @ 0.57cum machine mixed, concrete laid in layers not exceeding 15cm Thick, well Compacted, in foundation, including Cost of all material labours. 40m Curing Complete as per Specifications.						
	RCC Culvert						
	Duo marvel layout -	1	10.20	1.50	0.15	2.30	
	Ext, Royal conventional hall -	1	11.80	1.50	0.15	1.08	
	Ananthpura village Rd	1	7.20	1.50	0.15	1.62	
	11th main Rd Andra layout	1	7.20	1.50	0.15	1.62	

Serial No.
Name of work
Name of Contractor of nature of Age
Date of commencement of work

Date	Full description, etc, of wo
1	2
	Balaji layout
	Ananthpura Vil
	Yelahanka Sth ph
	near Vishal ma
	Yelanka 4th
	2nd main / 2
	2nd main / 2
	2nd main / 3
	4th phase
	Stop a

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493537

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Balaji layout.						
	Ananthpura village	1	7.20	1.50	0.15	1.62	
	yelahanka 5th phase	1	6.60	1.50	0.15	1.49	
	near viknal mart	1	8.40	1.50	0.15	1.89	
	yelanka 4th phase	1	7.80	1.50	0.15	1.76	
	2nd main / 1st cross	1	7.20	1.50	0.15	1.62	
	2nd main / 2nd cross	1	9.00	1.50	0.15	2.03	
	2nd main / 3rd cross	1	7.20	1.50	0.15	1.62	
	4th phase	1	11.00	1.50	0.15	2.48	
	Stop		Present Qty		=	21.11 Cum	

04/04/2022 AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Measurements continued						
3 KSRRB	M2200-6. providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and as chaining to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) Cost of material, labour. as per specification. do - TMT Bars Fe500.						
	RCC Culvert						
	Total drain length = 93.90m						
	main Bar 12mm dia @ 195mm c/c						
	d = 0.89 kg/m double mat,						
	Distribution Bar 10mm dia @ 170mm c/c						
	d = 0.61 kg/m double mat						
	No. of U Bars = 948	948	2.40		0.89	2024.93	
	No. of distribution Bars = 28	28	93.80		0.61	1602.10	
						3627.03	
					Say	= 3.63 Tn	

Serial No.
Name of work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	N
1	2	
	providing and laying pl	
	using M20 nominal mix co	
	size granite metal coarse	
	machine mixed, well com	
	Cost of materials, Hom	
	steel as per MORTH sp	
	materials, labour, t	
	bottom thickness	
	RCC Culvert Ra	
	Dia marvel	
	layout	
	Front Royal Conventional	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493538

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4. providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with opc at 300kgs. with 20mm ϕ down size granite metal coarse aggregates @ 0.69 cum & fine aggregates @ 0.43cum machine mixed, well compacted for walls & bottom including centering, Shutter Cost of materials, Hom of machinary, Curing etc. Complete excluding Cost of steel as per MORTH specification No. 1500, 1700, 2200. including Cost of materials, labour, Hom complete as per specifications. do-wall & bottom thickness 15cm.						
	RCC Culvert Raft	1	10.20	1.20	0.20	2.45.	
	Duomarvel Layout Front, Royal Conventinal Hall	1	4.80	1.20	0.20	1.15.	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493539

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Aranthpura village Rd	2	7.20	0.23	0.50	1.66	
	11th main Rd Andra Layout	2	7.20	0.23	0.55	1.82	
	Balaji Layout	2	7.20	0.23	0.50	1.66	
	Aranthpura Village	2	6.60	0.23	0.50	1.52.	
	Yelahanka 5th phase near Vishal mart	2	8.40	0.23	0.55	2 13	
	Yelahanka 4th phase 2nd main / 2nd Cross -	2	7.80	0.23	0.50	1.79	
	2nd main / 3rd Cross -	2	7.20	0.23	0.50	1.66	
	2nd main / 6th Cross -	2	9.00	0.23	0.55	2.28	
	4th phase near bus stop	2	7.20	0.23	0.50	1.66	
		2	11.00	0.23	0.55	2.78	
			present Qty	=		45.36 Cum	

Manoj/AE
25/04/2022

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5. providing & fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm & down size with steel reinforcement, including form work, Lift charges, curing & concrete finished surfaces on both sides etc, complete & as per drawings & the directions engineer incharge						
	RCC Culvert Covering Slabs						
	front, Royal Conventional Hall DUO, marvel Layout	1	10.20	1.20		12.24	
	Ananthpura village	1	4.80	1.20		5.76	
	14th main Rd Andra Layout	1	7.20	1.20		8.64	
	Balaji Layout	1	7.20	1.20		8.64	
	Ananthpura village	1	7.20	1.20		8.64	
	Yelahanka 5th phase near Vishal mart	1		1.20		10.08	
				1.20			

EE
YNK

Serial No. .....
Name of work .....
Name of Contractor of natur
Date of commencement of

Date	Full description,
1	2
	Yelahanka 2nd main 2nd main 2nd main
	4th phase ne

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493540

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency. .....

Date of commencement of work. .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Yelahanka 4th phase:						
	2nd main / 1st Cross:	1	7.80	1.20		9.36	
	2nd main / 2nd Cross:	1	7.20	1.20		8.64	
	2nd main / 3rd Cross:	1	9.00	1.20		10.80	
	6th Cross:	1	7.20	1.20		8.64	
	4th phase near bus stop	1	11.00	1.20		13.20	
		Present Qty			=	112.56 Sqm	3200=360192
		Sub total			=	1111935.48	
		GST 12%			=	133432.26	
		Grand total			=	1245367.73	

EE
YNK

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

10/06/2022 AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Certificate.

1. The above work has been completed satisfactorily
2. The debris has been removed & disposed from the worksite.
3. No departmental issues are made to the Contractor.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯುಪಂಲ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-109

Serial No.
Name of work
Name of Contractor
Date of commencement

Date	Full description
1	

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Culvert